

# PRANAV MURALI

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## EDUCATION

### VIT Vellore, Tamil Nadu

Bachelor of Technology in Computer Science and Engineering

CGPA 8.16

Expected May 2026

## EXPERIENCE

### LoopLess | Software Engineer Intern (Aug 2025 - November 2025)

Remote

- Added a **URL generation** feature to a **Slack bot** (Flask backend + Django UI), enabling marketers to create **custom campaign links**.
- Built a **tracking system** in the **LoopLess** website to monitor **URL clicks and downloads**, providing real-time campaign insights.
- Redesigned the **Beloopless** and **Loopless app** website with **SvelteKit + Tailwind**, improving load times by **30%** and boosting engagement.

### Valley AI (Harvard-MIT Incubated) | Full-Stack Developer (Mar 2025 - November 2025)

Remote

- Co-developed **fall detection** and **eldercare monitoring systems** with **Next.js, React, Flask**, and **FastAPI**, enabling monitoring of **100+ residents** (falls, sleep, hydration, mobility).
- Helped design **Careflo**, a patient management tool streamlining records, schedules, and alerts, improving caregiver efficiency by **25%**.
- Assisted in **AWS deployment**, supporting **5000+ daily requests** with scaling strategies and **99.9% uptime**.

### Hexaware Technologies | Software Engineer Intern (May 2025 - June 2025)

Chennai, TN

- Developed and refactored **Spring Boot microservices**, improving reusability by **20%** and reducing redundancy by **30%**, with RESTful endpoints and documentation.
- Deployed on **Azure** with **99.9% uptime**, set up CI/CD pipelines, and ensured quality with **JUnit + JaCoCo (85%+ coverage)**.

### Moon Finance (VIT-IIM Incubated) | Full-Stack Developer (Apr 2024 - Aug 2024)

Vellore, TN

- Built a fintech platform with **Next.js + Express**, delivering **10+** core features including real-time transactions and user management.
- Enhanced mobile UX and performance, raising average session time by **25%** and reducing bounce rate.

## OPEN-SOURCE CONTRIBUTIONS

### Classroomio (January 2025)

Remote

- Contributed to this open-source platform by adding the missing **GitHub stars section** in the website.
- Used **Svelte** and **TypeScript** to improve user interface.

## PROJECTS

### Schedulo | Next.js, FastAPI, Supabase, LangChain, FAISS

April, 2025

- Developed a full-stack knowledge platform supporting **RSS ingestion, document parsing, research-paper search**, and **AI agents** for automated summarization and insights.

### Memora | Next.js, FastAPI, FAISS, MongoDB, Docker

June, 2025

- Architected a personal knowledge base with **GPT-powered semantic search**; supports **100+** uploads and achieves **90%+** query accuracy using open-source AI and vector embeddings.

### NullBin | Next.js, TailwindCSS, MongoDB, Vercel

May, 2025

- Built a **privacy-first encrypted pastebin** where content is never sent unencrypted to the server; used by **50+** developers for secure sharing.

### Schedulo | Next.js, TailwindCSS, Google Cloud Console

April, 2025

- Developed a platform to auto-draft emails, schedule **Google Meets**, and sync events to **Google Calendar**, saving users **5+ hours/week**.

## CERTIFICATIONS

- AWS Certified Cloud Practitioner** [Credly](#)
- Stanford Machine Learning Specialization** [Coursera](#)

## EXTRACURRICULARS

- As a Technical Executive at **Entrepreneurship Cell – VIT**, helped organize and build platforms for **Vision Quest, Futurepreneurs**, and flagship event **E-Summit**, which drew **1000+ participants** and featured industry leaders.
- Participated in multiple hackathons including **Caterpillar Hack, DevSoc by CodeChef VIT**, and **VIT Central Hack**, developing various innovative projects and solutions under tight deadlines.

## TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C/C++, Go, SQL, R, MATLAB

Frameworks: Next, React, SvelteKit, Node, Express, FastAPI, Django, Flask, Tailwind, Shadcn, RadixUI

Tools: AWS, Azure, Docker, Git, GitHub, Postman

Databases: MongoDB, MySQL, PostgreSQL, Firebase, Supabase

Platforms: Ubuntu, Windows, Arch Linux, Web